10/581664

## AP3 Rec'd PCT/PTO 05 JUN 2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koji HOTTA, et al.

Group Art Unit

(Unassigned)

Application No.

(Natl. Phase of PCT/JP2004/018432)

Examiner

\_...

(Unassigned)

Filed

: (Herewith)

Docket No.

12394/3

For

TRENCH GATE FIELD EFFECT DEVICES

## INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS Customer Service Window Randolph Bldg. 401 Dulany Street Alexandria, VA 22314

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filling of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

- ☑ 1. This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.
- Q. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a final action, Notice of Allowance, or any action that otherwise closes prosecution.

10/581664

□ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
□ c. Please debit Deposit Account No. <u>11-0600</u> in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. 37 CFR §1.97(c)(2).
□ 3. This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance or an action that otherwise closes prosecution, but before payment of the Issue Fee. Applicant(s) hereby request(s) that the Information Disclosure Statement be considered. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
□ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
$\hfill \Box = 4.$ Relevance of the non-English language reference(s) is discussed in the present specification.
☐ 5. The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
☐ 6. A concise explanation of the relevance of certain non-English language reference(s) appears in the Appendix attached hereto.
☐ 7. The Examiner's attention is directed to co-pending U.S. Patent Application No, filed, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present

application as a patent. The Examiner is respectfully requested to consult it would application and the art cited therein during examination of the present application.

B. This application is one of a series of related applications, identified in the attached Appendix, which are directed to related technical subject matter. The identification of those U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as

9. The reference(s) was/were cited by or submitted to the Office in parent application No.\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

a patent. The Examiner is respectfully requested to consider the cited applications

- ☑ 10. English-language Abstracts of the non-English language references are attached thereto.
- ☑ 11. Copies of U.S. references are not required.

and the art cited therein during the examination.

☑ 12. Other: Six of the references were cited in the International Search Report, a copy of which is enclosed, as well as the Written Opinion and the IPRP.

Respectfully submitted,

(Reg. No. 36,394)

Date: 05 June 2006

KENYON & KENYON LLP 1500 K Street, N.W. Washington, D.C. 20005

Telephone: (202) 220-4200 Facsimile: (202) 220-4201

- 3 -

10/581664 AP3 Rec'd CT/PTO 0.5 JUN 2/4/55/SERGBA (08-03) Approved for use through 07/31/2008, OMB 0651-0631

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Application Number (Natl. phase of PCT/JP04/018432)
Filing Date (Herewith)
Filing Date (Herewith)
Koji HOTTA
Ad Unit (Unassigned)
Examiner Name (Unassigned)
Klarener Obsekt Number (12984/3)

Complete if Known

(Use as many sheets as necessary)
Sheet 1 of 2

			U.S. PATENT I	DOCUMENTS		
Examiner Initials *	Cite No.	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant	
	1	US-5,751,024	03/12/98	TAKAHASHI	Figures Appear = JP 07-054564	
	2	US-6,001,678	12/14/99	TAKAHASHI	= JP 07-054564	
	3	US-6,040,599	03/21/00	TAKAHASHI	= JP 08-054656	
	4	US-6,221,721	04/24/01	TAKAHASHI	= JP 08-054656	
	5	US-6,768,168	07/27/04	TAKAHASHI	= JP 07-054564	
	6	US-6,518,629	02/11/03	KUSHIDA et al.	= JP 11-187880	
	7	US-2002/0179968 A1	12/05/02	PFIRSCH		
	8	US-5,463,241	10/31/95	KUBO		
	9	US-6,518,629 B1	02/11/03	KUSHIDA et al.		
		US-				
		US-				
		US-				
		US-		12010		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

		FOREIGN PA	TENT DOCU	MENTS		
Examiner Initials*	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document		T°
	1	JP 10-270693 A	10/09/98	CENTRAL RES & DEV LAB INC		Abs.
	2	JP 10-294461 A	11/04/98	TOYOTA CENTRAL RES & DEV LAB INC		Abs.
	3	JP 08-316479 A	11/29/96	MITSUBISHI ELECTRIC CORP.		Abs.
						├—

Examiner Signature	/Benjamin Sandvik/ (06/29/2009)	Date Considered	

"EXAMINER: Initial if reference considered, whether or not clusten is in conformance with MPEP 000. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant." Applicants unsign citation designation number (optional). "See Ficials 53.1" for Japanese patient documents, the existing of the part of the region of the Emporer must precede the serial number of the patient common." Sind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible "Applicant is to place a check mark here if Emplish language Translation is starticed."

English language Translation is altached.
This collection of Information is required by 37 CFR 197 and 188. The information is required to detail or stellar in benefit by the public which is to file (and This collection is promoted) and the complete of the collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USCFTO. The This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USCFTO. The This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USCFTO. The This collection is considered and the Complete of the Complete of the USCFTO. The Complete of the

		(+) incide		

10/581664 AP3 Rec'd PCT/PTO 6055 JUN 2007 PTO/SB/08A (08-00)

Under the Paperwork Reduction Act of 1995, no person ains a valid OMB control number.

_	Substitute	for form 1449A/PTC	)			Complete if Known
					Application Number	(Natl. Phase of PCT/JP04/018432)
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	(Herewith)		
	STAT	EMENT B	Y A	PPLICANT	First Named Inventor	Koji HOTTA
				Group Art Unit	(Unassigned)	
		(use as many sheets as necessary)		Examiner Name	(Unassigned)	
	Sheet	2	of	2	Attorney Docket Number	12394/3

		OTHER PRIOR ART NON PATE	NT LITERATUR	E DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LE the item (book, magazine, journal, serial, s number(s), publisher, c	ymposium, catalog	, etc.), date, page(s), volume-issue	T 2
	1	M. Mori, et al.: A Novel High-Cor Circuit Capability, PROCEEDING SYMPOSIUM ON POWER SEM Japan, p 429-432	3S OF 1998 I	NTERNÁTIONAL	
	2	Hideki Nakamura, et al.: Wide ce circuit ruggedness, PROCEEDIN SYMPOSIUM ON POWER SEM Osaka, Japan, pp. 299-302	IGS OF 2001	INTERNATIONAL	
				/	
Examiner Signature		/Benjamin Sandvik/ (06/29/2009)	Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number.